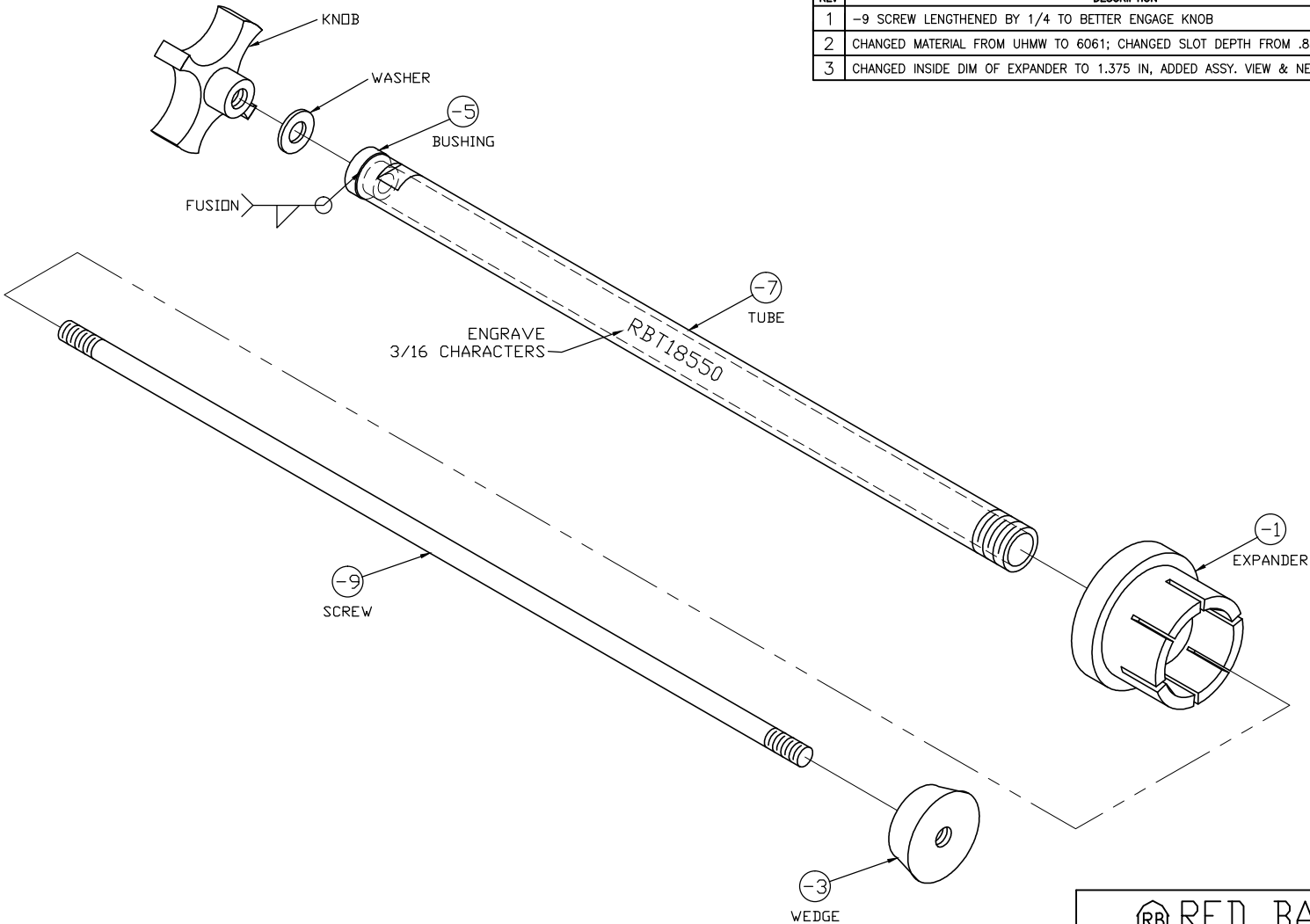




REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-9 SCREW LENGTHENED BY 1/4 TO BETTER ENGAGE KNOB	2/12/04	-	-
2	CHANGED MATERIAL FROM UHMW TO 6061; CHANGED SLOT DEPTH FROM .85 TO 1.0.	2/19/09	WP	-
3	CHANGED INSIDE DIM OF EXPANDER TO 1.375 IN, ADDED ASSY. VIEW & NEW SHEET FORMAT	4/29/09	RJC	-

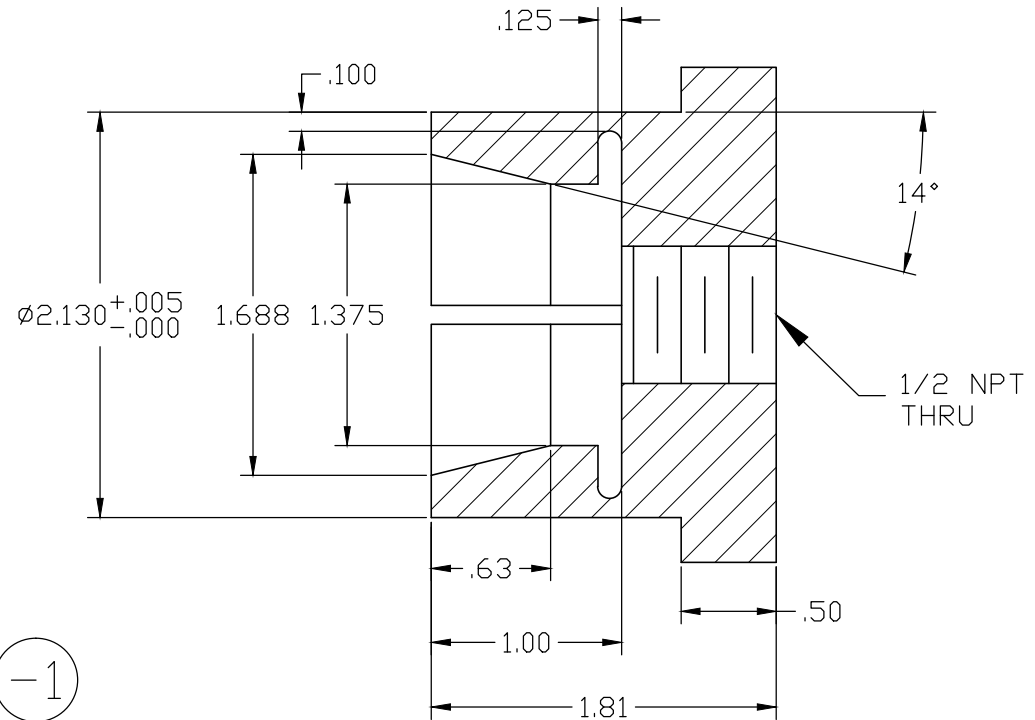
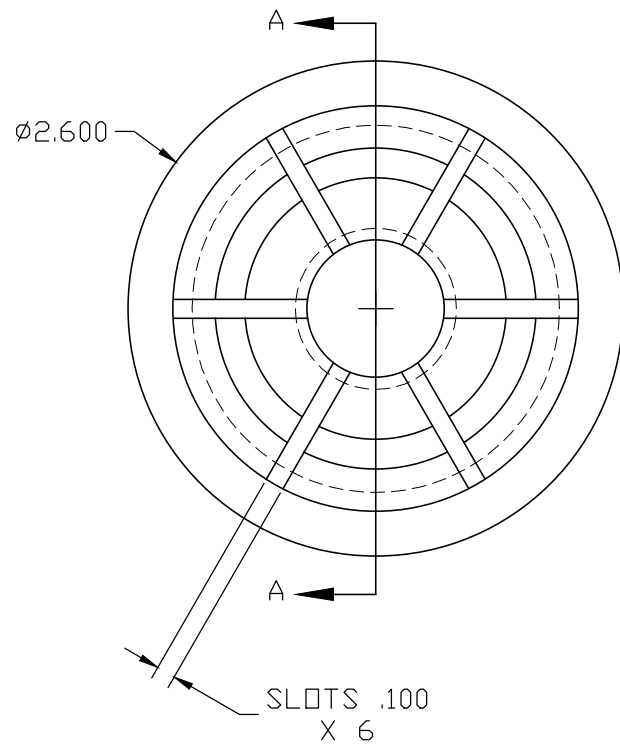


ASSY QTY	QTY	B/D	PART #	UNIT QTY	DESCRIPTION	MAT.	B/D INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	EXPANDER	6061 RND. BAR	ø2-3/4 x 1-7/8	2
			-3	1	WEDGE	STRESS PROOF	ø1-3/4 x 5/8	3
			-5	1	BUSHING	1018 RND. BAR	ø7/8 x 3/4	4
			-7	1	TUBE	DOM	ø7/8 x .120 WALL x 15-7/8 or ø1/2 STD PIPE	5
			-9	1	ALL - THREAD	PLAIN	3/8-16 UNC x 18-1/4	5
			BD	1	WASHER	BRONZE	ø3/8 ID. MSC #06455372 OR SIMILAR	1
			BD	1	KNOB	PLASTIC	WITH 3/8-16 INSERT REID #KHY-150, OR MCMaster-CARR #61125K13	1
ASSY #								

<div>  RED BARN MACHINE </div>		<div> <div>TITLE</div> <div>BLADE GRIP TOOL</div> </div>	
<div> <div>DWG NO.</div> <div>RBT18550</div> </div>		<div> <div>REV</div> <div>3</div> </div>	
<div> <div>UNLESS OTHERWISE SPECIFIED</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES ON:</div> <div> <div>DECIMALS</div> <div>XXX ± .005</div> <div>XX ± .01</div> <div>X ± .1</div> </div> <div> <div>FRACTIONS ± 1/32</div> <div>ANGLES ± 5°</div> </div> </div>		<div> <div>DRAWN BY:</div> <div>COLE</div> </div>	
<div> <div>UNLESS OTHERWISE SPECIFIED</div> <div>1. BREAK ALL SHARP EDGES</div> <div>.015 x 45° PR .015 R</div> <div>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</div> </div>		<div> <div>APPROVED</div> <div>  </div> <div> <div>HEAT TREAT</div> <div>FINISH SPEC</div> </div> </div>	
<div> <div>SCALE</div> <div>NTS</div> </div>		<div> <div>DATE</div> <div>8-15-07</div> </div>	
<div> <div>SHEET</div> <div>1 of 5</div> </div>		<div> <div>USED ON MODEL</div> <div>BELL 206/206L</div> </div>	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED MATERIAL FROM UHMW TO 6061; CHANGED SLOT DEPTH FROM .85 TO 1.0.	2/19/09	WP	-
3	CHANGED INSIDE DIM OF EXPANDER TO 1.375 IN	4/29/09	RJC	-



-1

EXPANDER

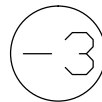
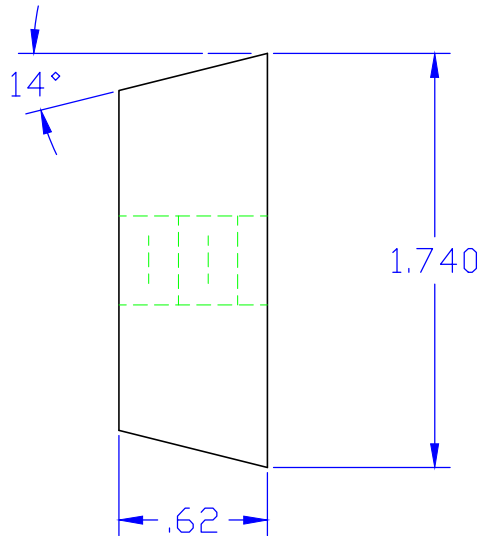
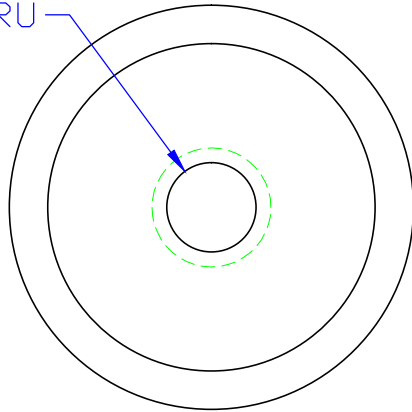
SECTION A - A

RED BARN MACHINE	
TITLE TUBE - BLADE GRIP TOOL	
DWG NO. RBT18550	REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 × 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 11-7-01
SHEET 2 of 5	

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REVISIONS				
REV	DESCRIPTION			DATE
1	--			11-7-01

DRILL & TAP
3/8-16 NC
THRU

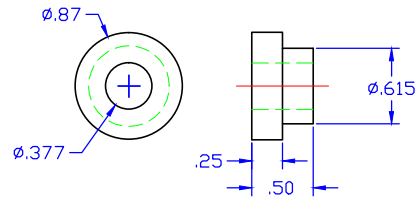


WEDGE

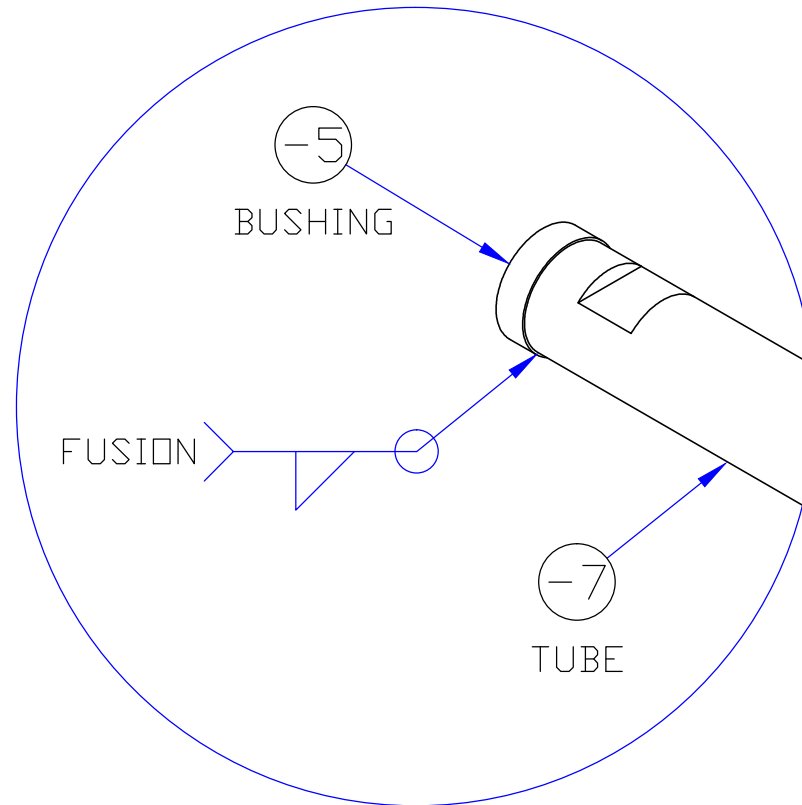
RB RED BARN MACHINE	
TITLE EXPANDER - BLADE GRIP TOOL	
DWG NO. RBT18550	REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	APPROVED COLE HEAT TREAT FINISH BLACK OXIDE SPEC USED ON MODEL BELL 206/206L
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 11-7-01 SHEET 3 of 5

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REVISIONS				
REV	DESCRIPTION			
-	--			
	DATE	INITIAL	APPROVED	
	-	-	-	



-5
BUSHING



RED BARN MACHINE			
TITLE BUSHING - BLADE GRIP TOOL			
DWG NO. RBT18550			REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: COLE	
TOLERANCES ON:		APPROVED	
DECIMALS		HEAT	
.XXX $\pm .005$		TREAT	
.XX $\pm .01$		FINISH	
.X $\pm .1$		SPEC	
UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES		BELL 206/206L	
.015 x 45° PR .015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE NTS	DATE 5-7-02	SHEET 4 of 5	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	-9 SCREW LENGTHENED BY 1/4 TO BETTER ENGAGE KNOB	2/12/04	-	-

